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INFO MEMO

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FOR: COMMANDER, NAVAL FACILITIES ENGINEERING COMMAND CHIEF OF CIVIL ENGINEERS

FROM: Laura Duchnak, Director, BRAC Program Management Office *cf. Duchnak 8/23/12*

SUBJECT: Treasure Island Radiological Cleanup Program

- The Historical Radiological Assessment (HRA) to designate sites as impacted or non-impacted on the Former Naval Station Treasure Island (TI) was published in February 2006. Preparation of the HRA was done in coordination with the Navy Radiological Affairs Support Office (RASO), California Department of Toxic Substances Control (DTSC), as well as California Department of Public Health (CDPH). Impacted sites are defined as areas that historically had a potential for G-RAM contamination based on the site history or known contamination detected during previous radiation surveys.
- The HRA identified several impacted sites on TI: four solid waste disposal areas (SWDA)s within Installation Restoration (IR) Site 12, two buildings associated with historic RADIAC training, and Building 233 where residual G-RAM contamination remained from a 1950 Ra-226 spill. The Navy also committed that additional surveys and actions would be evaluated in IR Site 12 and other known debris areas if contamination was found in the SWDAs greater than background levels.
- In the ensuing years as the HRA was implemented, significant low level radiological waste was found in the SWDAs and additional actions were triggered in debris areas.
- In April 2011, during the regulatory review process to complete Finding of Suitability to Transfer (FOST) documents for property at TI, CDPH sent memos to DTSC expressing broad concerns regarding the radiological program at TI. The amount of radiological waste found in the SWDAs and the gaining progress toward property transfer served as a catalyst for their increased concern.
- In coordination with DTSC and CDPH, the Navy agreed to address these concerns by developing a technical memorandum to supplement the 2006 HRA. This document was scoped with the regulators, and RASO, and was intended to document the validity of the 2006 HRA and update findings of impacted areas based on new information.
- Development of the technical memo included review of all references supporting the 2006 HRA, new documentation obtained from the National Archives, new documentation obtained from RASO, and records at TI. Evaluation of all remedial action data collected since 2006 was also a key line of evidence.
- The August 2012 Draft Technical Memorandum identified seven new areas as impacted. Although there is no data to indicate new contamination, there is the potential for contamination based on historical uses, i.e. WWII recycling efforts. One of these areas is within the current housing area, IR Site 12, and another includes the footprint of facilities providing child care and Boys & Girls Club services.

Attachments: None

cc:
NAVFAC HQ (ED, AM)